



Dakota throws her pom-pom in the air at a basketball game from a height of 5 ft. It reaches its highest point 15 feet away from her, 20 feet in the air. Sahara stands 28 feet away from Dakota & jumps so that her hands are 6 ft. in the air. Does she catch the pom-pom? If not, how many feet should Dakota move so that Sahara can catch the pom-pom?

↳ If she does not catch the pom-pom, where should Sahara stand so that she catches it at 6 ft in the air?

↳ If Sahara misses again, how many feet away from Dakota will the pom-pom land?

↳ How high will the pom-pom be when it is 8 ft. away from Dakota?

↳ How many ft. away from Dakota will the pom-pom be when it is 18 ft. in the air?